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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3 Attorney Docket Number 47100-222154

Complete if Known

Application Number	10/562,225 – Conf. #9451
Filing Date	December 23, 2005
First Named Inventor	David Hildebrand
Art Unit	1638
Examiner Name	David H. Kruse

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	5,378,825	01-03-1995	Cook et al.		
A2	5,935,835	08-10-1999	Marshall et al.		
A3	2003-0024014	01-30-2003	Cheng et al.		
A4	5,084,082	01-28-1992	Sebastian		

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
C1		Arnold, L.D., R.G. May and J.C. Vederas. 1988. Synthesis of optically pure α -amino acids via salts of α -amino- β -propiolactone. J. Am. Chem. Soc. 110: 2237-2241.	
C2		Boy, E., Borne, F. and Patte, J.C. (1979). Isolation and identification of mutants constitutive for aspartate kinase III synthesis in Escherichia coli K12. Biochemie 61: 1151-1160.	
C3		Bright, S.W.J. and P.R. Shewry. 1983. Improvement of protein quality in cereals. CRC Crit. Rev. Plant Sci. 1: 49-93.	
C4		Cohen, C.N. and I Saint-Girons. 1987. Biosynthesis of threonine, lysine and methionine. In: F.C. Neidhardt, ed., Escherichia coli and Salmonella typhimurium: Cellular and Molecular Biology. Amer. Soc. Microbiol., Washington, D.C. pp 429-444.	
C5		Ghislain, M., V. Frankard and M. Jacobs. 1995. A dinucleotide mutation in dihydrodipicolinate synthase of Nicotiana sylvestris leads to lysine overproduction. The Plant J. 8: 733-743.	
C6		Jacobs, M., Negrutiu, I., Dirks, R. and Cammaerts, D. (1987). Selection programs for isolation and analysis of mutants in plant cell cultures. In: Green C.E., Somers D.A., Hackett W.P. Biesboer DD (eds) Plant Biology. vol. 3: plant tissue and cell culture. Alan R. Liss, New York pp 243-264.	

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C7	Perl A, Galili S, Shaul O, Ben-Tzvi I, Galili G (1993) Bacterial dihydrodipicolinate synthase and desensitized aspartate kinase: Two novel selectable markers for plant transformation. <i>Bio Tech</i> 11: 715-727.
C8	Matsumoto, N. 1984. Isolation and identification of S-2-aminoethyl-L-systeine from <i>Rozites caperta</i> and 2-amino-3-butenoic acid from <i>Rhodophyllum crassipes</i> and their antibacterial activity. <i>Toho Igakkai Zasshi</i> 31: 249-264.
C9	Negrutiu, I., A. Cattoir-Reynearts, I. Verbruggen and M. Jacobs. 1984. Lysine overproducer mutants with an altered dihydrodipicolinate synthase from protoplast culture of <i>Nicotiana sylvestris</i> (Spegazzini and Comes). <i>Theor. Appl. Genet.</i> 68: 11-20.
C10	Shaul, O. and Galili, G. (1992). Threonine overproduction in transgenic tobacco plants expressing a mutant desensitized aspartate kinase of <i>Escherichia coli</i> . <i>Plant Physiology</i> 100: 1157-1163.
C11	Vauterin, M., V. Frankard and M. Jacobs. 2000. Functional rescue of a bacterial <i>dapA</i> auxotroph with a plant cDNA library selects for mutant clones encoding a feedback-insensitive dihydrodipicolinate synthase. <i>The Plant J.</i> 21: 239-248.
C12	Falco SC, et al., Transgenic canola and soybean seeds with increased lysine, <i>Biotechnology (NY)</i> 13(6):577-82, 1995.
C13	Shaul O, et al., Concerted regulation of lysine and threonine synthesis in tobacco plants expressing bacterial feedback-insensitive aspartate kinase and dihydrodipicolinate synthase, <i>Plant Mol Biol</i> ;23(4):759-68, 1993.
C14	Brinch-Pedersen H, et al., <i>Plant Mol Biol</i> ; 32(4):611-20, 1996.
C15	Karlin et al. (1993) <i>Proc. Natl. Acad. Sci. USA</i> 90:5873-5877 .
C16	Altschul et al. (1997) <i>Nucleic Acids Res.</i> 25:3389-3402.
C17	Devereux et al. (1984) <i>Nucleic Acids Res.</i> 12 (1):387-395.
C18	Silk G.W. and B.F. Matthews, 1997, <i>Plant molecular biology</i> , 33:931-933.
C19	Cremer J, Treptow C, Eggeling L, Sahm H., Regulation of enzymes of lysine biosynthesis in <i>Corynebacterium glutamicum</i> , <i>J Gen Microbiol.</i> 1988 Dec;134 (Pt 12):3221-9.
C20	Bonnassie S, Oreglia J, Sicard AM. <i>Nucleic Acids Res.</i> 1990 Nov 11;18(21):6421.
C21	Laber B, Gomis-Ruth FX, Romao MJ, Huber R, <i>Escherichia coli</i> dihydrodipicolinate synthase. Identification of the active site and crystallization, <i>Biochem J.</i> 1992 Dec 1;288 (Pt 2):691-5.
C22	Trick, H.N., R.D. Dinkins, E.R. Santarem, R. Di, V.M. Samoylov, C. Meurer, D. Walker, W.A. Parrott, J.J. Finer, and G.B. Collins. 1997. Recent advances in soybean transformation. <i>Plant Tissue Culture and Biotechnology</i> 3:9-26.
C23	Hazel, C.B., T.M. Klein, M. Anis, H.D. Wilde, and W.A. Parrot. 1998. Growth characteristics and transformability of soybean embryogenic cultures. <i>Plant Cell Reports</i> 17:765-772.
C24	Samoylov, V.M., D.M. Tucker, and W.A. Parrott. 1998. A liquid medium-based protocol for rapid regeneration from embryogenic soybean cultures. <i>Plant Cell Reports</i> 18:49-54.
C25	Finer, J.J., and McMullen MD 1991. Transformation of soybean via particle bombardment of embryogenic suspension culture tissue. In <i>Vi tro Cellular & Developmental Biology. Plant</i> 27:175-82.

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

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Sheet	3	of	3	Attorney Docket Number	47100-222154

	C26	Shaver, J., Bittel, D., Sellner, J., Frisch, D., Somers, D., Gengenbach, B. 1996 Single-amino acid substitutions eliminate lysine inhibition of maize dihydrodipicolinate synthase. Proc. Natl Acad. Sci. USA , 93, 1962-1966.	
	C27	International Search Report issued in PCT Application No. PCT/US2004/020039, mailed on February 15, 2005.	
	C28	Written Opinion issued in PCT Application No. PCT/US2004/020039, mailed on February 15, 2005.	

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